The proportion of farms managed by individuals decreased to less than 1 % of the entire agricultural area. The men employed at machinery and tractor centers, which seemed to attract all the mechanics required for the colkhose system, formed a privileged class. It depended on them whether an agricultural operation was carried through at the right time. This group was mainly composed of young people and non-Ukrainians. In 1934 some 797 600 were employed on the land and in forests in the Ukraine Soviet Republic. The Soviet officials, not so important numerically as on account of their influence, formed another group of the rural population. Finally, in the country districts there was a fairly large group of teaching and medical staffs and agricultural experts, mostly of Ukrainian peasant origin, as foreigners could not stand life in Ukrainian villages for long. 162 565

Urban population had a large percentage of foreigners, the main social groups being laborers in industry and commerce and the Soviet officials. The number of industrial laborers within the frontiers of the Ukraine Soviet Republic on January 1st, 1936 was 1 308 000. But this figure kept varying constantly, as many of the workers from country districts were not satisfied with conditions of life in the towns and changed jobs frequently or tried to get back home. The Soviet Government fought against these difficulties for years without being able to solve them. This group also included a great number of young people who grew up in post-war conditions. Their nationality varied; about half of the industrial proletariat in Ukraine was of Ukrainian origin. As a rule, material standards were not high. The average wage in 1934 amounted to 166.4 roubles a month, but this figure is not a clear indication of the individual's earning capacity as piece-work was general. In individual cases, where the Stakhanov system (whereby maximum output of labor was achieved) was introduced, higher than average wages were earned. In recent years real wages declined as a result of abolishing the cards which had entitled workmen to certain privileges in buying food and industrial products. Wage earners in Soviet business concerns were similarly situated to those in industrial plants but as the former were less important than the latter in the general scheme of Soviet economy, their develop- 162 369 465 434

ment has been slower and they have not yet reached the same degree of intensity of labor which we found in factories. Jews play a great part in commercial life.

Among the lower categories of civil servants, Ukrainians were in the majority from the beginning, while representatives of foreign nationalities increased in the higher services. The average salary of Soviet officials throws little light on the standard of living in this group of the population because the difference between higher and lower employees is again considerable. Incomes in the lower ranks were very small while the higher officials had a life of ease and could on occasion even afford luxury. Engineers are among the most privileged while teachers and actors are much worse off. The legal status of the Soviet official was entirely insecure; they lived constantly under threat of a "purge" or of being denounced as disturbing the process of Soviet economy. The higher ranks of bureaucrats were here in special danger.

The small group of the professional class (doctors, writers, lawyers), in spite of their freedom, was dependent on the apparatus of the Soviet State. The group of outcasts was most to be pitied, i. e. those who had been expelled by the regime from social intercourse, e. g. merchants, artisans, and priests. After identity cards were introduced and "socially dangerous" persons removed, this group greatly decreased.

Another group, finally, is formed by Ukrainians living outside the frontiers of Ukrainian territory, who as "Kurkuls", "Pests", "Saboteurs" were sent to concentration camps in the North and in Siberia. The "Nationalists" are also included in this group. And the colonisation of remote frontier areas in Soviet Russia required forest laborers, miners and factory workers, who had to help in the coal mines of Siberia and in building up industrial concerns in Central Asia. It is impossible to give statistics for the proportion of Ukrainians in this group, but they cannot be ignored as they will certainly return home and play an important rôle in Ukraine whenever the general situation is altered.

In Ukrainian areas outside of the Soviet Union, conditions resemble those obtaining in Western Europe. The Ukrainian

474 creation of great "agro-cities" or "agro-settlements" which would
241 unite several collective farms in one great centre which could be
665 more easily controlled by the Communist Party with a smaller number of qualified party members in charge. By the end of 1950 the number of kolhosps (collective farms) had been reduced from 33,653, as at the end of the war, to 14,443. The number of households in one had grown from 163 households to 277. At the same time the number of collective farms in which there were definite party leaders had increased from 42% to 78%. This does not imply a growth in Communist membership, for the number of Communist authorities might, under the new ratio, be reduced by almost 3,000 in personnel. This would be hardly likely but it explains at a glance the increased control that the Communists could exert over the larger groups. It also made it easier by destroying the separated villages to prevent as effective help being given to the U. P. A. and the other anti-Communist movements which lingered on, as the peasants saw that the new era was to be not one of peace but of increased hardships. At the same time, the
423 peasant was made more helpless for his holdings in the neighbor-
241 hood of his home were reduced to 0.15 hectare or approximately a third of an acre.

This area is roughly equivalent to the average American suburban lot of 150 x 100 feet and on this the average peasant family was supposed, no matter how many members it contained, to raise all the vegetables, eggs and milk which the family required for the year and also any other plant or animal requirement which was needed as a cash crop. Even this was now burdened with taxes and the peasant was forbidden to secure anything from the collective farm to assist in his economy, outside of what he secured in his pay for a steadily diminishing number of labor days and the accompanying cash and kind receipts which were apportioned to him for his work.

474 Estimates based on figures from some collective farms show
● 434 that the average family receives for its year's work, if three or four
241 members work, something in the neighborhood of three hundred pounds of grain, four hundred pounds of potatoes and about one

thousand karbovantsy in money. When we remember that, as a result of the Soviet tax system, a pair of shoes cost five hundred karbovantsy and a suit of average quality a little more than one thousand karbovantsy, we can see how dependent the average peasant is upon his small plot on which his egg tax is, whether he raises eggs or not, two hundred per year. In addition, from his cash resources he must buy the grain for his hens or raise it on his own plot.

It is small wonder that the foreign visitor is not welcomed on these collective farms except in a few places which are kept for show. In all of them the Communist heads receive very satisfactory living conditions with opportunities to purchase supplies at very moderate prices in shops devised for Communist administrators, and it is these administrators, and the Communists of the Motor Tractor Stations and the MVD who receive almost the entire income that is allotted to the collective farm.

The position of the city laborer is little better, although he receives in connection with his plant the opportunity of securing whatever the factory heads feel like giving him for food in the factory dining rooms.

In 1946-7, before Western Ukraine was fully Communized, there was another drought in the black earth region and once again starvation hung as a spectre over the entire population. Those who had the strength and courage to get to Western Ukraine in search of food were surprised how much food there was still to be found in those areas where the peasants were still allowed to use their own energy, skill and knowledge even on their own small farms which still looked like paradise to those poor devils who had passed through the period of the thirties.

Still later, collectivization was introduced into Western Ukraine and the other accompaniments of the regime in the east were at once apparent.

The Fifth Five Year Plan which was adopted in 1950 continued and intensified the process. From the figures which has been revealed, it is obvious that the increases which have been demanded of the Ukraine in this period are relatively minor. There

[Post-WORLD WAR II -1945 -- Analyst]

731 262 [443 265] Most of the UNRRA food supplies delivered to the Ukraine are distributed to ration stores for sale to workers and their dependants. A large proportion (about 35 per cent.) also goes for communal feeding through dining rooms, health resorts, homes for invalids and the aged, and dining halls of trade schools. Hospitals, childrens' homes, maternity homes, and the like also receive a share (around 10 per cent.) (The food distributed to welfare organizations is delivered free of charge).

731 262 434 Apart from the food which UNRRA supplies, the Ukrainian people are dependent on whatever amounts of local produce may appear on various markets. According to the rationing system, the farmers are allowed to retain part of their produce to feed themselves and their dependants, and the farm's livestock; the state then purchases a certain quota for use in feeding the non-farm population. If any surplus then remains, the farmers may keep it, or sell it on the free market at uncontrolled prices.

241 433 434 In practice, however, because of the extremely poor harvests in the last two years, Ukrainian farmers have scarcely been able to feed even themselves; and the amounts of domestically produced food which reach the ration stores or the free market have consequently been small.

The following section describes the sources of food supply open to the urban consumers.

The System of Food Distribution

443 434 In the cities of the Ukraine there are three outlets through which foodstuffs reach the population:

361 262 (a) the ration stores, where the bulk of foodstuffs are sold at fixed prices to ration-coupon holders;

(b) the so-called gastronoms (commercial stores) where scarce, luxury items are sold; and

(c) the public markets, where collective farmers and peasants bring their surplus produce for sale.

Most of the rural areas and villages of the Ukraine are expected to produce locally enough food to feed the inhabitants; and as they are nearly all considered to be self-supplying, they receive through the central distribution system only sugar and sometimes bread. Their surplus farm produce (that is, food in excess of that needed for feeding people or livestock on the farm and not subject to collection or purchase by the state) is usually brought by the farmers to the public markets for sale to the urban population. [435] The quantities of produce and the variety of items available in the free public markets vary greatly from season to season and from day to day; prices are equally unstable.

000 day to day; prices are equally unstable.

Ration Stores

443 434 21 Members of the UNRRA Mission have visited ration stores in all the more important cities of the Ukraine. The city of Kiev, for example, has about 300, all of them much alike. The typical ration food store serves from 2,000 to 2,500 families living in the immediate neighbourhood; if a family moves, it changes its ration card registration to a store in its new locality. Some stores, however, serve the employees of a particular factory or organization as well as a neighbourhood; others are limited to special categories of customers, such as veterans, pregnant women and nursing mothers, teachers, doctors, and scientific workers; these stores have a slightly more varied stock of goods; and in the case of shops for pregnant women and nursing mothers, the roster of customers is smaller so that there is no waiting to be served.

731 Except for bread, most of the food sold in Ukrainian ration shops in 1946 was supplied by UNRRA. Many of these relief supplies, however, did not fit into the established rationing system; therefore many rather elaborate substitution schemes had to be devised, particularly for U.S. army C, K and ten-in-one rations, which were often substituted for a variety of foods. These schemes were said to be in effect throughout the Ukraine, local bodies having authority to make minor changes in substitution values to fit whatever stocks of goods were on hand at the moment.

For example, according to the scheme effective in Kiev in March 1946, if a customer was entitled to buy one kilogram of meat or fish monthly, he might possible substitute 15 eggs, or 200 grams of powdered milk, or 800 grams of sausage, or a 600 gram can of UNRRA tushonka[1] provided any of these were available. In lieu of one kilogram of fat rarely available the customer might buy 60 eggs, or two kilos of cheese, or 3 kilograms of sour cream, or 1.6 kilograms of powdered milk, or 400 grams of peanut butter, again provided they were available.

The army ten-in-one rations are packed in two cardboard boxes, labelled "first half" and "second half". In Kiev the "first half" was considered to be equivalent to 500 grams of fat and 1½ kilograms of sugar; while the "second half" was equivalent to 2 kilograms of meat and 500 grams of sugar.

In Poltava in April 1946 one U.S. army K ration was being considered the equivalent of 800 grams of meat or 206 grams of fat; one C ration, equal to 925 grams of meat or 310 grams of fat; the first half of a ten-in-one ration equalled 1,500 grams of meat or 500 grams of fat, and the second half of a ten-in-one ration, four kilograms of meat or 1,330 grams of fat.

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[1] A canned meat mixture.

Gastronoms

443 434 262 554 461 In addition to the ration stores, Kiev has about five gastronoms, or commercial stores, where unrationed goods are for sale. Most of the gastronoms are stocked almost entirely with delicacies, such as Siberian crabmeat, live carp in water tanks, a little fresh meat, salami, candy, biscuits, and Russian cigarettes. (No UNRRA goods are sold in such stores). Until September 1946 the prices in gastronoms were so high that only a relatively small part of the population could afford to buy. The gastronoms were patronized primarily by those with high earnings - professors, theatrical stars, scientists, artists, high ranking army officers, skilled technicians, etc. One of their main purposes was to show the average worker that some luxuries did exist, and thus encourage him to raise his skills and productivity. Another purpose was to provide a special reward for various kinds of meritorious service. For example, war heroes and top generals were entitled to a 40 per cent discount on all purchases made at a gastronom. Moreover, workers who had stayed at the same factory for six years or more were entitled to a 20 per cent discount, and office workers with similar service to 10 per cent.

[435] In September 1946, in accordance with the decision of the Council of Ministers of the U.S.S.R. to abolish differences between the higher "commercial" prices and the low prices of rationed goods, the prices in gastronoms were lowered and certain ration prices, raised somewhat.

[465] At the same time, taking into account the difficulties which average and low-paid workers would encounter as a result of higher ration prices, the Council of Ministers decided to increase all salaries of less than 900 roubles a month. Thus, those workers who previously had earned up to 300 roubles a month received an increase of 110 roubles; those who had earned up to 500 roubles, another 80. Similar increases were allowed in pensions and in students' stipends.

So far as UNRRA food is concerned, the increases in ration prices have affected meat, fish, fats and oils, other categories of UNRRA food supplies particularly milk, cheese, and army rations were not affected.

434 435 The following table shows the increases in ration store prices.

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TABLE XXVII

Ukraine: Prices of Rationed Food
(in roubles per kilogram)

	Before October 1, 1946	After October 1, 1946	Percentage increase
Bread (black with rye)	0.9	3.2	255
Bread (whole wheat)	1.8	6.0	240
Meat tushonka	16.6	32.0	87
Pork in gravy	20.5	35.3	72
Meat and vegetables	10.0	15.3	53
Pork and rice	15.7	30.7	90
Meat and corn	10.0	17.7	77
Herrings in tomato sauce	11.5	25.0	117
Herrings in natural oil	17.2	37.5	118
Smoked cod	9.8	18.0	84
Lard	18.0	36.0	100

Source: UNRRA Mission to the Ukraine, Kiev.

Public Markets

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The third kind of outlet for the distribution of food to the urban population is the public markets (officially called "Collective Farm Markets"). Their importance as a source of supplementary food is difficult generally to assess. On the one hand, extremely high prices plus the inconstancy or inadequacy of supplies prevent any group in the population from depending on the public markets for any substantial part of its diet; on the other hand, the variety of food sometimes available impels many to supplement the limited amounts and kinds of foods secured at the ration stores by purchases in the public markets. While prices are fixed and rigidly controlled in the ration stores, there is no control of prices whatever in the public markets, and the seller and purchaser usually agree on the price after a rather elaborate process of bargaining. On account of the limitations in supply, the selling prices are usually dear.

There are striking differences between the fixed, ration store prices and the uncontrolled market place prices. For example, in July 1946 (before ration prices were raised) white bread which - depending on the extraction rate of flour - was selling in ration stores at 90 kopecks[1] to 2.7 roubles a kilogram was selling in the public markets at 28.5 to

1 There are 160 kopecks to a rouble

TABLE XXVIII

Ukraine: Food Prices in a Typical Public Market
(in roubles)

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	June 1946	July 1946	January 1947
Bread, kilo	22.5	23.0	50.0 - 55.0
Meat "	about 60.0	70 - 100	60.0
Fish "	-	-	65.0
Milk, litre	16.0	15.0	16.0
Butter, kilo	190.0	190.0	230.0
Eggs, dozen	42.0	48.0	-
Cereals (various) kilo	-	50.0	-
Sugar	-	100.0	-
Vegetable oil	-	200.0	200.0

- Very little or none on sale. Supplies vary greatly but are never very large.

Source: UNRRA Mission to the Ukraine, Kiev.

UNRRA Supplies and the Food Situation

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Until the produce from local farms became available in the spring and summer of 1946, the diet of the urban population of the Ukraine depended principally, apart from bread, on UNRRA food supplies, which in the beginning consisted almost entirely of U.S. army rations, plus some dried and evaporated milk and tushonka. Urgently needed fats and oils were slow in arriving; up to May only 8,596 tons had been received in the Ukraine. The shortage was critical, since domestic production was providing a rate of only 4 to 5 kilograms of fats a year per person, as compared with 12.8 in 1940 and 22 kilograms in 1929.

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Very little food was being received from other parts of the Soviet Union, and a protracted dry spell was threatening the 1946 harvest. Official rations for almost all categories of consumers were low;

262 For example, light workers were entitled to only 1,820 calories[1] a
[434] day from rationed foods, and office workers, only 1,236. Supplementary non-rationed foods were obtainable, but only in limited quantities and at high prices.

262 The inadequate diet which everyone had been receiving since the
433 war was undoubtedly responsible for lowered work efficiency, and added
461 to the shortage of machinery and equipment, for delayed reconstruction. For example, although up to October 1946 heavy workers were entitled to official rations providing 3,757 calories a day, the greater part of their diet consisted of bread and cereals. Because of the great livestock shortage, there was scarcely any meat available on the ration. Fairly typical was the situation of 13,000 workers engaged in rebuilding the Ukraine's largest steel mill at Zaporoshie, who during April 1946 received only 750 grams of fat (about 26½ ounces) and less than two pounds of meat per person, a diet clearly inadequate for heavy labour.

262 Patients in a Kremenchug hospital received a diet composed chiefly
758 of bread, cabbage soup, and 15 grams of butter or lard, which provided about 1,200 calories daily - a level radically below the emergency subsistence rate of 1,900 calories defined by the Food and Agriculture Organization of the United Nations.

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1 Compare all calorie rates with the emergency subsistence food consumption levels defined by the Food and Agriculture Organization of the United Nations as the minima necessary to prevent serious malnutrition leading to disease and the danger of civil unrest. For European countries, these levels are as follows:

Emergency Subsistence Calorie Intake

Category	Calories per day	Category	Calories per day
0 - 2 years	1,000	Normal consumers (male)	1,900
3 - 5 "	1,250	Sedentary (female)	1,600
6 - 9 "	1,500	Moderate workers	2,000
10 - 17 years	2,000	Heavy workers	2,500
Pregnant and nursing women	2,000	Very heavy workers	3,000

1 [SIC - - ANALYST]

262 On the farms of the Ukraine the diet, although in some respects better, was for the most part, restricted and monotonous; bread and cabbage soup were the staple items; meat consumption was negligible and the intake of fats and oils, well below a pound a month per person.

262 731 733 The present situation compared with the spring of 1946 is much worse. UNRRA food deliveries to the Ukraine are all but completed. The 1946-47 harvest on which so many hopes were set, proved a dismal disappointment; and other areas of the Soviet Union, having been similarly affected by the drought, are not in a position to give assistance. Domestic stocks must therefore last until the next harvest; and the outlook until then is bleak.

● 434 262 On October 1, 1946, because of the shortage of domestically produced food and the imminent cessation of UNRRA supplies, Ukrainian rations for all categories of consumers had to be reduced. For most people this meant either that their cereal ration was cancelled, or that their bread quota was lowered or both.

For example, heavy workers, light workers, and employees, - although still receiving the same amount of bread, are no longer entitled to the cereal ration of 2.0, 1.2, and 0.8 kilograms a month respectively. Dependents fare even worse: not only have they lost their cereal ration, but in addition, their bread quota has been cut from 9 to 7.5 kilograms a month. The bread ration for children also has been cut from 12 to 9 kilograms, and their meat from 0.4 to 0.3 kilograms; however, they still receive the same cereal ration as before (0.8 kilograms a month).

Rations for mothers vary of course, according to the occupational category; but their special allowances remain the same, providing approximately 745 extra calories daily.

In terms of calories, these bread and cereal cuts have reduced the diet of heavy workers from 3,757 calories a day to 3,527; light workers are down from 1,820 to 1,682; employees from 1,236 to 1,144; dependents from 895 to 704; and children up to 12, from 1,209 to 973.

The following table shows the ration scales now in effect. Six out of about twelve groups have been chosen to show typical differentiations. Special groups - for example, tuberculosis patients in institutions - have not been included. It should be noted that dependents are defined as those who are not working and who have passed the age of 55.[1] Mothers usually work and draw, throughout their

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1 Previously the age was 45 years; but it has been raised in an effort to get all non-producers to work.

● 434 mothers usually work and draw, throughout their 262 pregnancy and afterwards, their full occupational rations[1] plus the 745 special allowances indicated. If they do not work, they draw dependents' rations plus their special allowance.

[855] Children up to 14 includes infants from one to seven, who also receive special rations through milk kitchens, nurseries, nursery schools, and kindergartens. These amount to 9.0 litres of milk and 6.0 grams of fats monthly.

434 The employee category includes such occupational groups as office 262 workers, timekeepers, and caretakers. The light workers group includes railway workers, machine builders, etc. The heavy workers group includes moulders, steelworkers, and miners. The latter receive a further additional ration in the form of a hot meal if they do underground work.

(It must be emphasized that the amounts given in the table are official scales, which, even though reduced, cannot regularly be met. Throughout, the figures in brackets refer to scarce items which are authorized, but cannot be supplied.)

TABLE XXIX

Ukrainian Ration Scales from October 1, 1946
(in kilograms per month)

Rationed commodity	Consumer category: Heavy worker	Light worker	Employee	Dependent[1]	Children up to 14
Bread	36.0	18.0	12.0	7.5	9.0
Cereals	nil	nil	nil	nil	(0.8)
Sugar	(0.5)	(0.4)	(0.3)	(0.2)	0.3
Meat or fish	(3.2)	(1.8)	(1.2)	(0.5)	(0.4)
Fats	(0.9)	(0.4)	(0.3)	(0.2)	(0.3)
Butter (or substitute)	nil	nil	nil	nil	.06
Potatoes	(5.0)	"	"	"	nil
Vegetables	(3.0)	"	"	"	(2.0)
Milk, fresh, dried, or evaporated	nil	"	"	"	9.0 scarce
Vitamin juices	"	"	"	"	
Approximate daily calories from rations only	3,527	1,682	1,144	704	973 plus 204 infants

[736] In February 1947 the rations for dependents was again changed, and they are now authorized to receive only bread, 7.5 kilograms monthly.

Source: UNRRA Mission to the Ukraine, Kiev.

[1] [As of 1947 -- Analyst]

262 Expectant and nursing mothers are usually at work, and have standard
745 leaves with pay and special privileges; thus, if working, they receive
434 rations appropriate to the occupational group, plus special food allowances; and if not working, dependents' rations plus these allowances. The supplements are as follows, monthly: cereals, 1.2 kilograms; butter (or substitute), 0.8 kilograms; sugar 0.6 kilograms; vegetables, 2.0 kilograms; milk (fresh or dried) 12 litres. Their approximate calories from rations alone are, therefore:

If light workers	1,682 plus 512 -	2,194	calories daily
If employees	1,144 plus 512 -	1,656	" "
If dependents	704 plus 512 -	1,216	" "

In the last case it is almost possible to assume that the husband is well paid and will be able to buy products in the open market.

262 Even if the established ration scales for all groups could be met, they would not provide an adequate, balanced diet. Particularly the rations for women and children are very light in fat, first-class protein, and calcium. They provide less than half the low League of Nation's standard for daily full-cream milk requirements of the expectant mother. But even these inadequate scales are seldom supplied.

262 Since mid-October 1946, the honouring of ration cards has, because
434 of the increasing food shortages, become more and more irregular. In December 1946, for instance, large groups of persons in the Kiev area received only bread, sugar, and a few tins of vegetables on their cards. No meat, fish or fats were available. By the middle of January 1947, the situation had grown even more stringent, and only bread was supplied on the ration.

At the same time, the amount of food available off the ration has decreased almost to the vanishing point. Cereals and white bread have practically disappeared from the open market; and when they are available, the price is beyond the reach of the average person.

262 The effects of the poor diet are already to be seen. The people
181 generally show a noticeable lack of their former liveliness, energy and
144 cheerfulness. Moreover, according to the Medical Officer of the
369 UNRRA Mission to the Ukraine, clinical starvation has made its appearance in the smaller villages of the Republic: protein dropsy and avitaminosis are increasing; and among the townspeople there is great incidence of skin infections and respiratory and nasopharyngeal conditions.

645 In order to meet some of the medical aspects which may arise out of
744 the present food situation, the Ministry of Health has taken the follow-
262 ing steps.